

Collection No. 156

Key: Upton, Balderson  
28. ix. - 23. x. 1968

**GLAMIS**

Post Augusta to  
Norseman.

**DUPLICATE**

**CARBON BOOK**

(Octavo Size)

**100 Leaves in Duplicate**

**NUMBERED**

*Flexiflat*

**THERMO-PLASTIC BOUND**



Collection no. 156

Port Augusta

Key, Upton, Balderson

to Norseman<sup>1</sup>

28. IX. - 23. X. 1968

28/9 [Plant specimens det. N.T. Burbidge]

6827. Mildura. Took Arumpo road.  
x Callitris rostrata

6833. Flat with sparse *Callitris* to  
pale brown

25 ft. on sandy-loam with *Cassia*  
*Cratilopus* sp. 1, *Chorizanthe hermifera*,

sp. abundant to 8 ft. + regrowth.  
*Caperula* sp. 1 (f.), *Apotropis vittata* (f.)

Ground layer of *Bassia* spp. &

*Kochia* spp. to 6 in. & occ. *Kochia*

? *pyramidata* to 2 ft. Barley grass

& succulents drying off, considerable

bare ground. Return.

6834. Mallee to 15 ft, rather open on

*Cratilopus* sp. 1, *Coryphantha ruficollis* (f.),

flat, sandy brown soil, occ. *Callitris*

to 20 ft, *Apotropis vittata*, *Tapesta*

*robusta*, *Bassia* spp. & other chenopods

*caniculis*, *Umisa gutturalis* (f.), *Senecio* sp. v.

in large patches to 9 in., some

95 *ochracea*, *nymphalis* (indet.)

barley grass drying, *radiat crucifer*

*Ptilocaulon* aff. *parviflorum* (Jacq.)

to 1 ft. Specimen of a prominent *Sch.*

succulent.

6839 Mildura

29/9

2904. Port Augusta



2906.2 Port Augusta West P.O.

2910.9 Turned left for Mt. Zue...

2911.2 Gutter, with *Acacia victoriae*,  
*Collitera variegata*, *Caperrala* sp. 1, *Replissia*

to 8ft on red. brown desert loam,  
sp. 2, *Crotilopus* sp. 2, *Tapeta carneipes*, *T.* sp. 2,

leading to higher ground with  
*Eragrostis* sp. 114.

shrubby *Kochia sedifolia*, salsolaceous  
*Aizoon quadrifidum* F. Muell.

shrubs & an aizoaceous shrub (spec.),

all to 2ft. Annual *Atriplex* & succulents

forming ground cover, with medics

dense along gutter & a very little

low grass.

2921.0 Undulating <sup>brown</sup> sandy loam, with  
*Caperrala* sp. 6, *Collitera variegata*,

patches of stone av. diam. 2 in,  
open *Amisicella rubropunctata* to 1/2 ft, *Amisicella*

bearing *Acacia*? *sowdenii* on ridge,  
*guttulosa*, *Replissia* sp. 2, *Macrolopholia* sp.

elsewhere *Kochia sedifolia* & other

*Cupressus* *testacea*, *Tapeta* sp. 2, *Morabius* sp. 129.

shrubby saltbush & bluebush to 2ft,

with bladder saltbush & other

ephemerals to 9 in in open formation

with bare patches.

2923.3 Homestead SE. of Sugarloaf

Hill

2923.5 Intersection. Took right fork.



2927.2 Top of low ridge. Very stony, as.  
*Replecia* sp. 2, *Butorandia* sp. 6, *Gem*  
 diam. 2 in, on brown desert loam. Stones  
 nov. 75 sp. 1, *Cupareasa bestacea*, *Caperala* sp. 1,  
 pale on top, where sparse helah to  
*Cratilopus* sp. 2, *morabine* sp. P. 29.

10 ft. Dense *Atriplex vesuaria* & occ.  
*Kochia sedifolia* to 1 ft. Annual  
*Atriplex* & *Bassia* & other ephemerals  
 to 6 in, patches of bare ground & stone.

2930.3. Nine Mile Bank.

2933.1. Intersection.

2938.2. Rise with red sandy soil, a few  
*Replecia* sp. 2, *Aphrodis vittata*, *Caperala*  
 stony patches. Occ. *mulga* to 12 ft.  
 sp. 1, C. sp. 6, *Ephraim* *maculosa*,  
 + a few *Caesara* sp. to 5 ft. *Atriplex*  
*maculosa* (f.), *Ondalella maculata* (f.),  
*viscaria* & *K. sedifolia* to 18 in.  
*Gem* nov. 95 ochracea, *Chortocet* *epitominifera*,  
 abundant *Trichium* sp. to 9 in,  
*Coryphospora runcola*, *Tapesta* a soft. *carneipes*,  
 considerable amount of *Anstida*  
*Urnisiella rubropunctata*, *Kygeria* sp. P. 114,  
 sp. to 6 in, some bare ground. Occ.  
*morabine* sp. P. 29, *Psopalia* sp. 9  
*zida* sp. with associated *Ephraim*.

2938.7. Junction with quadrangle  
 road.

2940.3. Carriewerloo H.S.

2940.8 Rocky hills & the intervening



*Coryphantha varicosa*, *Apotrochis vittata*,  
 saddle. Mallee + *Trodia* on hills,  
 sp. to 15 ft, *Casparalia* sp. 1, *C. sp. 6*, *Urusa*  
*Myoporum*, *Eremophila* spp. (2) to 6 ft,  
*guttulosa*, *Callitera variegata*, *Azylota*  
*Acacia* sp. + *Cassia* sp. occ. to 6 ft,  
*diversipes*, *Tapesta carnicipes*, *Uruisella*.  
*K. sedifolia* to 3 ft, *Atriplex vesicaria*  
*nubrosprinitata*, *Rhus* sp. (1), *Euphorbia*  
 to 2 ft, *Rhagodia* spp. to 18 in. + other  
*quadrifolius*, *Replissia* sp. 2, *Cratelopus* sp. 2,  
 shrubs, ground layer of *Erodium* sp.,  
*Microla* sp. 10, *Pardillana* sp. 11 (6), *Morabene* sp. 12, 13, 14,  
*Bassia* sp. + other ephemerals. Red  
 P29, P27/74, *Leptocarpus* sp. P114.  
 sandy soil.

2941.1 Took left fork.

2950.1. Wartaka H.S.

2951.5. Took right fork

2953.0. Long Dam

2954.9. Wartaka Reservoir

2956.9 Tank.

2958.3 Sister's Hill. Took right fork.

~~2959.0~~ 2959.0. Slope leading up to summit of  
*Kyacris* sp. P110a, *Morabene* sp. P29,

Sister's Hill. Brown sandy soil with  
*Cratelopus* sp. 2, *Tapesta carnicipes*, *Uruisella*.

numerous small red stone increasing  
*maculata* (J), *Perforaria crassa*.

in size + number upwards. Summit  
 to 8 ft.

with a spiny *Acacia* + occ. *mulga*.

Everywhere *Atriplex vesicaria* +



*K. sedifolia*, occ. *K. pyramidata*, all to 2 ft, with occ. *Trichium* sp. & annual grasses to 9 in.

2962.8. wooded Dam.

2967.0. Camped. Slope with red-brown *Morabina* sp. P29, *Cratilopus* sp. 2, *Qualetta* stony soil bearing lula to 15 ft *maculata*, *Bouforaria* *crassa* (?), *Cupressa* with *Atriplex vesicaria*, & *K. sedifolia* *rustacea* + *K. pyramidata* to 2 ft, occ. low forbs & grasses, leading down to a smaller gutter with *Acacia* spp. to 6 ft.

30/9.

2978.4 ~~2978.4~~ Point where Corunna = Siam road crosses vermin-proof fence east of Uno H.S.

2987.2 Siam H.S.

2989.6. Junction. Kept left.

2994.3 Gully leading up to a ridge of *Coryphista muricata*, *Replissia* sp. 2, *Mico* to Hill. Red-brown sandy soil *Chortvates vermicifera*, *Caperala* sp. 1, to 8 ft. with variable amounts of stone. *Rhopops vittata*, *Cratilopus* sp. *Perenostictus* *Acacia senilis*, lula & occ. mallee *seniatus*, *Mimosa guttulosa*, *Goniaca*



australasicae (j.), *Drosera maculata* (j.) 6  
to 15 ft, *Kochia sedifolia* to 2 ft, *Atriplex*  
*senilis* nov. 95 ochracea, *Euphorbia quadrilobus*  
*pericaria* to 18 in, *Bassia* spp. annual  
(j.), *Strophis maculosa* (j.), *Morabine* sp. P29.  
*Kochia* sp., *Stipa* sp. + *Erodium* sp. all  
Triodia towards summit  
to 9 in., lichens on stones + soil. h

2998.3. Lord Kitchen's Dam

3001.6. Mounning H.S.

3013.1. Turn-off to Kolendo Sta.

3014.0. Gentle slope to low hill, stony  
*Euphorbia quadrilobus*, *Crotalaria* sp. 2,  
in places, with *Acacia sowdenii* +  
*Morabine* sp. P29  
mulga to 15 ft, *A. tetragonophylla* +  
*A.* sp. to 8 ft, rather open *Kochia*  
*sedifolia* to 3 ft, dense *Stipa* sp. to  
10 in in flower, other shorter annual  
grasses.

3015.5. Mannahie Dam

017.6. Second turn-off to Kolendo.

019.2. Conflagration Dam

022.1. Bawnday Dam

024.1. Turn off to left.

028.1. Turn off to right

032.5. Fitz's Dam



- 032.9. Turn-off to Mt. Zue H.S.
- 033.4. Small rocky hill with *Acacia*  
 to 15ft, to 6ft,  
*ancura*, *A. tetragonophylla* a dense-  
 flowered *Eremophila* to 5ft, a few  
*Morabine* sp. P29, *Kelgand* sp. P110a, *Pyrenostichus*  
*serialis*, *Tapesta concipis*, *Cratichneumon* sp. 2  
 other shrubs, leading down to flower  
 slopes & flat with well spaced  
*K. sedifolia* & *Nitraria* sp. (?). Sparse  
 short annual grasses & forbs, much  
 lichen.
- 037.7. Turn-off to right.
- 038.0. Yardea Dam
- 039.9. Turn-off to Thurlga H.S.
- 046.0 Turn-off to left.
- 049.7. Pandana Dam. Took left fork.
- 050.7. Flat on red sandy-loam with  
*Coryphistis ruficola* (f.), *Morabine* sp. P29.  
*Acacia sowdenii* to 15ft & *Kochia*  
*pyramidalis* & ~~the~~ *Atriplex*  
*vesicaria* to 2ft leading up through  
*Heterodendron* to 12ft to mulga to 15  
 ft on steep rocky hill & ultimately  
*Triodia* only towards summit.



056.7. Turn-off to Moanasee

059.0. Turn-off to left.

060.9. Fork to left

062.4. Cross-roads.

070.0 epardea H.S.

070.5. Took Hiltaba fork.

071.2.  $\frac{3}{4}$  Turn-off to right.

074.5. Turned off road.

075.0. Stopped at foot of stony hill  
*Typhaya semicristata*, *Aporophis vittata*, *Azelota*  
 with helah to 20 ft ~~near base~~ &  
 sp. 1, *Cratichneumon* sp. 2, *Quadrula maculata* (j.),  
 2 scattered shrubs of *Dodonaea* sp. &  
*Capparis* sp. 1, *Moralea* sp. P29  
 Others to 4 ft. Various ephemeral forbs  
 & grasses to 6 in sparse, lichen.

075.1 Back on road.

084.2. Turn-off to right

090.4 Progress Dam.

092.2 Camp. Dense patch of helah  
*Typhaya semicristata*  
 to 20 ft with occ. rosewood, & an  
 adjacent belt of mulberry to 20 ft,  
 intervening treeless area with  
*Calceophorus* sp. & *Stipa* sp. to 9 in.  
 Brown soil, occ. gravel, flat.



1/10.

3092.2 Depart camp.

099.8. Turn-off to right.

103.4. Intersection 1 mi. SE. of Hiltaba  
H.S. Turned SSW.

104.3. Intersection & gate.

106.2 Rocky hill with *Triodia* sp. leading  
*Chortoclelea Vermiculifera*  
down to red-brown sandy-loam flat  
patches of  
with *Leucah* to 25ft & rosewood to 15ft, &  
& adjacent open *Dodonaea* sp. to 6ft,  
*Koehia sedifolia* & *Nitrania* sp. to 2'6",  
with *Stipa* sp. & annual grasses <sup>& forbs</sup> to  
9m. & some bare ground.

112.0. Narlabby Tank.

112.9. Turn-off to right.

113.4 Collect *Moralbica* sp. P29?

121.2 Turn-off to right

126.8. Took right fork.

128.0. Took right fork.

130.5. Pale consolidated sand-hill with  
*Rhusuplia triatis* (f.), *Retusopia* sp. (f.), *Pardillana*  
mallee to 15ft. Several different shrubs,  
sp. 11 (f.), *Monistria discrepans*, *M. latevittata*,  
including *Dodonaea* sp., *Sarcophila* spp.,  
*Apotropsis bittata*, *Comm. nov. 95 ochracea*,



*Compositae* *reivincta*, morabine P88

10

rolled up to left moderately spaced,  
Triodia tussocks well spaced, litter  
under mallee & patches bare ground.  
Morabine associated with edges of  
mallee litter, especially where shrubs  
were, but apparently not on the  
shrubs.

<sup>4</sup>  
138.7 Turn-off at Wallala Hill

142.5 Cross-roads.

145.3 Turn-off to left.

145.8 Turn-off with pale sandy loam &  
Morabine sp. P1276, sp. P1277.

Mallee on limestone

Mallee to left with shrubs of

*Triodia* sp., *Triodia* spp., *Triodia* sp., *Triodia* sp., *Triodia* sp.,  
*Triodia* sp., *Triodia* sp., *Triodia* sp., *Triodia* sp., *Triodia* sp.,  
sp. to left well spaced. *Triodia* sp.

*Triodia* sp., *Triodia* sp., *Triodia* sp., *Triodia* sp., *Triodia* sp.,  
forbs, animal *Kochia* sp.

149.0 Turn-off to left.

149.9 Turn-off to left to Pinbacle.

152.0 Turn-off to left

157.4 Turn-off to right.



157.6 In the section. Took road to  
 Lima.

161.4. Railway crossing.

166.3 Chimbilinga

169.5. Joined Egre Highway

182.0. Malter to 15 ft on slight rise with

pale brown soil. 5 ft. *Scijera linearifolia*  
 to 10 ft & *Scijera linearifolia* to 10 ft.

*Scijera* sp. to 2 ft, *Scijera* sp. to

2 ft. In the same base ground. *Scijera*  
 associated with *Scijera*, but mainly  
 on litter around it.

189.3 Merghing

197.7. Turn-off to Malter

197.0. Ceduna.

2/12

3202.3 Ceduna depart.

208.5. Took left fork.

211.6. Junction with road to Demich.  
 way.

213.3 moule



3216.2 Pale sandy loam with mallee.

to 20ft, then up to 10ft. *Leizera linearifolia*

to 6ft, a *Crotylus linearifolia* (F. Muell.) S. Moore

to 5ft, *Leizera linearifolia*

to 13in. *Leizera* sp. to 1ft &

to 1ft, some have ground *Leizera*

*Leizera linearifolia*, *Leizera linearifolia* (F. Muell.) S. Moore

in the mallee, apparently by association

with silvery shrub.

218.6 cross roads.

220.3 Cross roads.

221.8 Five intersecting roads.

224.8 Cross-roads.

226.1 Cross-roads.

228.1 Cross-road.

229.4 Fence mallee to 15ft, with

to 10ft & *Leizera* sp. to 5ft & *Leizera* sp.

app. Much bare ground.

229.4 Cross roads

233.3 Turned left

234.5 Return.

235.8 = 233.3



3237.4. Cassin road.

3240.1 Washita. Took left fork:

3243.6. Joined Tex. Highway

260.2 Perring

260.1. Turn-off to house tract.

266.3. Small angle intersection from  
right.

269.1 Manandilla wells.

278.2. Junction of two long dry roads  
to left (Rocky river).

278.9. Patches of mallee to left with  
disturbance to left and right. *Angiostemmus tomentosus* Everett.

at fork (spec.), better to line  
of mallee. *Angiostemmus*  
got from slope of 15 m.

at fork. *Angiostemmus* (f.) is also  
along the slope to top of low rise.  
sp. P330

no association with the  
specimen fork.

289.0 Tallala Tank

298.2. Pinbimba

299.9. Forks of dry run-off.







collected, the rest of the surface  
with dense *Slipa* sp. in flower to  
1 ft. The two brachyphorous spp.  
associated with the base brachyphorous  
patches, the moraine with the  
*Cratystylis*  
grey lichen & *Myoporum*.

3/10.

332.5. Tank.

334.8. Trench

337.1. Trench - off to left to left to the River.

337.6. Monbury Tank.

344.5. Trench - grey lichen.

347.0. Tank.

347.4. Very open *Acacia* <sup>102 ft</sup> *condensata* / *Cratystylis* *monocephala*  
with scattered grey lichen to 15 ft.  
The moraine with *Myoporum* spp. to 1 ft.  
The *Slipa* sp. dense in flower, *Cratystylis*  
sp. & *Myoporum* sp. to 6 in. in flower.

Very gently undulating pale fine sandy  
loam with underlying *Pinnacles*.

Chert. Moraines on grey lichen. *Cratystylis*

350.8. Fine sand dune of pale fine





the light brown sp. (not to) to 7m. *Albugo*  
sp. under trees.

370.8 Crossing of 2 for 18 to 20.

Pale sand dunes bordering lake,  
leading to strong limestone rise with  
shales. A few *H. can. dent.*, also a  
few *Albugo* sp. to 6ft & up to 10ft. *Albugo*  
*vesicularia*, *Kochia*  
*scutellaria* & *K. sp.*, other *Chenopods*,  
and *Stipa* sp.

374.1 Pidinga Tank.

381.5 Flat on brown fine sandy loam  
with *G. acuminata* to 10ft & *Hesperolepis*  
to 9ft in open stand. *K. scutellaria*  
to 10m abundant, *K. sp.* to 1ft.  
*Passia patenticuspis* Anderson  
*Passia* sp. (not spec.; marked  
"hypocissia" on this). *Albugo* sp.  
under trees; occ. *A. vesicularia*.

385.0 (road) creek leading into  
lake to right.

385.2 Pidinga Tank.

3.9.2.0 Flat plain with very few.  
*Begonia crassa*, *meibomia* sp.?  
*Pithecolium phyllodes*. Thunders in  
 rain. & become tuberosophylla.  
 Rainy soil with bare patches bearing  
 some large patches. *Carissa* & *Kordia*  
 spp. to Tim., but common to Tim., ~~to~~  
~~to~~ with up to 18m in patches.  
*Andropogon pusilla* & *A. multiflorus*  
 in drier areas bearing grasses 2m &  
 to 2m spp. to 4m.

396.0 Tails.

4020 *Thalictrum* *polyphylla*, A. sp., *Larrea* spp.  
The *Larrea* *arbuscula* in slight  
abundance. and *arbuscula* to 1 ft. with  
leaves and (hard) *sphaerocarpus*.

441.0 Older.

412 *C. ruber* on sandhills, along creek  
joining ESE of Doldra. Isolated, mallee:  
100 yds to 200 ft on sandhills, with



*... sp. ...* *... sp. ...*  
*... sp. ...* *... sp. ...*  
*... sp. ...* *... sp. ...*  
 Red-brown ... *... sp. ...*  
 (white) abundant, *Bassia sp.* on  
 flat, dead ... *... sp. ...*  
 On ... *... sp. ...*  
*Dodonaea sp. ...*

4/10

3413.5 *Soldia*

3414.3 Undulating plain N of town.

*... sp. ...* *... sp. ...*  
 ? *Seigera linearifolia*  
*... sp. ...* *... sp. ...*  
*... sp. ...* *... sp. ...*  
*... sp. ...* *... sp. ...*  
*... sp. ...* *... sp. ...*

3414.5 *Soldia*

3414.6 Light depression on hillside  
*... sp. ...* *... sp. ...*  
*... sp. ...* *... sp. ...*  
*... sp. ...* *... sp. ...*  
*... sp. ...* *... sp. ...*







There are small patches of *A. viridula*  
to the east of the road, patches of *A. viridula*  
and *A. viridula* forbesi.

522.0 Trig. point.

51.5 Tall grass plain with *A. carolin*  
to 1 ft. *H. carolin* to 1 ft. *H. carolin*  
to 1 ft. *H. carolin* to 1 ft. *H. carolin*  
patches with *A. carolin* & *H. carolin*  
*C. carolin*, *A. carolin*, *H. carolin*  
*B. carolin* spp. & various annual  
forbs to 1 ft. Soil is loess, with  
some *H. carolin* stems.

537:2 *Impatiens* atrovirens

545. *H. vesicaria* - to 30 cm  
K. sed. *H. vesicaria* - to 40 cm  
leading to *H. vesicaria* to  
off *H. vesicaria* - to 40 cm  
above ground  
in the abundant *H. vesicaria* - to 40 cm

Sign 0 Vomiting - proof source

8575. Treeless plain with oaks



to 18 in, with samplings to 1 ft. *Stipa* sp.  
 10. *Stipa* sp. to 9 in & occ. *Stipa* sp.

3571.7 Mullarbor H.S.

3572.5 Type Highway

3581.6 Slightly *Stipa* *A. souderii*  
*Ceanothus* nov. sp. 1, *Ceanothus* nov. 32 sp. 1,  
 on flat *Stipa* *Stipa* *Stipa* *Stipa*  
*Stipa* sp. & *Stipa* *Stipa* sp., patches  
 of *K. confertifolia*, *A. vesicaria*, *Stipa*  
 & *Trifolium* sp. Patches have grown  
 with *Rhagodia* under trees.

3584.5 *Stipa* sp. to 1 ft.

3595.2 Camp site (for notes see original)

6/10.

3595.7. Back on highway.

3596.0 *Stipa* *Stipa* *Stipa* *Stipa* *Stipa*  
 fence.

6/10.1. *Stipa* *Stipa* *Stipa* *Stipa* *Stipa*

6/10.1. Flat plain with pale fine sandy  
*A. souderii* to 15 ft open, with  
*Cratysphylis concavephala* *Ceanothus* nov. 39 sp. 1,  
 from previous steps to 3 ft.

3595.2 Patch of *A. wardenii* to 15 ft. with  
*Geigeria linearifolia*  
a second green shrub to 4 ft. quite  
innumerable. A vesicaria & much *Stipa*  
to 13 in. Bare patches with lichen.

*K. sedifolia*,  
*K. linearis* & *Panicum* sp. with  
*Stipa* sp. & *Panicum* sp. patches have  
been found with lichen.

630.4 Mangonabie Tank.

631.0 Guinewarra Tank.

632.4 T. off to Kernalda.

*A. wardenii* to 15 ft open.  
colas, berries now  
to 15 ft. *A. linearis* to  
15 ft. *A. linearis* in patches around  
tanks. *Stipa* sp. also here,  
and bare patches with lichen.

633.7 T. near

634.6 *K. sedifolia* & *Panicum* sp. to 15 ft.  
on a flat, with  
*Stipa* sp. & *Panicum* sp. to 4 ft.  
ground with lichen, fringed by sparse  
*A. wardenii* to 1 ft. Some green  
plants to 1 ft.

635.0 *A. wardenii* & *Panicum* sp. to  
15 ft. open on slightly undulating



grass with *Aristida nummularia* to  
3 ft. *A. vesicaria* to 1 ft. grey to 1 ft.  
3 ft. *A. vesicaria* to 1 ft. *A. vesicaria*,  
and other grass to 1 ft. Soil as before.

661.3 Campfire Trail

666.3. *Quercus* on a hillside on same

soil. *A. arborescens*, *A. latifolia* sp.  
*platycarpum*

*A. arborescens* to 15 ft, mallee 1  
to 7 ft.

3 ft. with *Aristida nummularia* to 1 ft.

*vesicaria* to 1 ft. *Quercus* sp. to 1 ft.

*Cratystylis*  
*Gremophila* sp. to 1 ft, *Stipa* sp. to 1 ft.  
between shrubs.

667.4. Prairie Trail.

prairie blow hole.

672.7 ft. 1 ft. soil. *A. arborescens*  
*Cratystylis conocephala*

to 1 ft. *A. arborescens* to 1 ft. *A. arborescens* to 1 ft.

to 1 ft. *A. arborescens* to 1 ft. *A. arborescens* to 1 ft.

to 1 ft. *A. arborescens* to 1 ft. *A. arborescens* to 1 ft.

to 1 ft. *A. arborescens* to 1 ft. *A. arborescens* to 1 ft.

to 1 ft. *A. arborescens* to 1 ft. *A. arborescens* to 1 ft.

to 1 ft. *A. arborescens* to 1 ft. *A. arborescens* to 1 ft.

to 1 ft. *A. arborescens* to 1 ft. *A. arborescens* to 1 ft.

to 1 ft. *A. arborescens* to 1 ft. *A. arborescens* to 1 ft.

622.6 Trache - Nile Tank

623.5 to 624.5 but a different  
*Cratystylis*  
 ... of ... ..

629.7 W. A. ...

677.5 ... ..

710.

611.5 ... ..

~~*Sesuvium linearifolia* (Desf.) ...~~

*Zygophyllum* ... ..

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*Cratystylis wilsonii* F. Muell.



with ~~leaves~~ ? *Guiera*.

715.0 Slight bc. S (marked "30")

720.3 Turn-off to left.

727.3 Lower slope of steep hill. *Guiera linearifolia* to 10 ft.

*Cratogeomys conocephala* to 10 ft. *P110a*  
*A. vesucaria* to 13m. *Leucaena* *morabii* sp. *P180*  
 at bottom to 10 ft. *Stipa* sp. & *Dianthus*  
 sp. to 1 ft. to *P180* associated with

741.0 Road "cuts" slightly to right east of Yakcong R.H.

740.3 S. to station leading to Kumbala

nov. 11 sp. 1, *Macro*  
746.2 Malle to 15 ft. *Guiera* sp. &  
*P. noidensis* to 12 ft. *Leucaena* *morabii* sp. *P180*  
*A. vesucaria* to 18m. *Leucaena* *morabii* sp. *P180*  
 sp. 13, *Coryph*  
 ground with *Leucaena* a little *Stipa*





... of ... the ... *Cratystylis conocephala* ...  
*Cratystylis conocephala* ...  
 ... below ...

814.1. *Madura*.

S/p.

814.5 *Madura lepart*.

... to 10ft ...  
 ... to 10ft ...  
 ... to 10ft ...

814.6. ... to 10ft ...  
 ... to 10ft ...  
 ... to 10ft ...

*Puccinia* sp. to 4 in. Pale brown fine ...  
 ... with some stone.

834.5. ... to 25ft with fringing  
*A. powderii* to 10ft on ...





901.1 *K. sedifolia* + *A. atriplex vesicaria*  
with *Stipa* sp. + *Danthonia* sp. + bare  
patches with lichen

911.2 *C. biddie*

911.1 *P. l.* ... *K. sedifolia* ...  
to 10 in ...  
... *morabine* sp. P33  
... *basia* sp. ...  
... *basia* sp. ...

910.2 *C. biddie* H.S.

910.1 *T. l.* ... *K. sedifolia* ...  
... *basia* sp. ...

901.1 *See opposite.*

911.1 *C. biddie* ...

... *basia* sp. ...

... *basia* sp. ...

... *basia* sp. ...  
... *basia* sp. ...  
... *basia* sp. ...











... up. to 6 ft. ...  
 ... up. to 6 ft. ...  
 ... up. to 6 ft. ...  
 ... up. to 6 ft. ...  
 ... up. to 6 ft. ...

4001.4 to 4 to 6 ft.

4002.0 to 6 to 8 ft (unc. (sic) or. (unc.))

4003.4 to 6 to 8 ft. to 12 ft.

platycarpum <sup>Babington</sup> to 2 ft. on ...  
 ... to 2 ft. on ...  
 ... to 2 ft. on ...

4003.6 to 6 to 8 ft. to 12 ft.

4003.7 to 6 to 8 ft. to 12 ft.

Platanus ...

4003.7. Platanus into "Saxif."

4003.8. Platanus into "Saxif."

4003.9. Platanus into "Saxif."

Cratystylis conocephala ...

... to 6 ft. ...

... to 6 ft. ...

... to 6 ft. ...

... to 6 ft. ...

... to 6 ft. ... Road loop.

40137. Turn round at Cove.

021.5 = 012. ~~Turn left~~ ~~Continue~~ ~~on~~ ~~the~~ ~~same~~ ~~road~~.  
Main road.

022.0. Turn ~~into~~ out of Ditch off

022.0. Turn right for K.

023.5. Fence.

023.5. Small patch of ~~ground~~ ~~quite~~ to  
off. ~~from~~ ~~the~~ ~~main~~ ~~road~~ ~~with~~ ~~K. sedifolia~~  
to 1 ft. ~~in~~ ~~the~~ ~~area~~ ~~of~~ ~~the~~ ~~road~~ ~~up~~ ~~to~~ ~~1~~ ~~ft.~~  
Some bare ground with *Lidians*.

023.5 ~~area~~ ~~with~~ ~~A. sandersonii~~ to 12 ft.

~~to~~ ~~up~~ ~~to~~ ~~1~~ ~~ft.~~ ~~A. sandersonii~~ to

~~to~~ ~~up~~ ~~to~~ ~~1~~ ~~ft.~~ ~~A. sandersonii~~ to

~~to~~ ~~up~~ ~~to~~ ~~1~~ ~~ft.~~ ~~A. sandersonii~~ to

~~to~~ ~~up~~ ~~to~~ ~~1~~ ~~ft.~~ ~~A. sandersonii~~ to

~~to~~ ~~up~~ ~~to~~ ~~1~~ ~~ft.~~ ~~A. sandersonii~~ to

~~to~~ ~~up~~ ~~to~~ ~~1~~ ~~ft.~~ ~~A. sandersonii~~ to

~~to~~ ~~up~~ ~~to~~ ~~1~~ ~~ft.~~ ~~A. sandersonii~~ to

046.1. ~~area~~ ~~of~~ ~~the~~ ~~main~~ ~~road~~ ~~with~~ ~~K. sedifolia~~  
to 1 ft. ~~in~~ ~~the~~ ~~area~~ ~~of~~ ~~the~~ ~~road~~ ~~up~~ ~~to~~ ~~1~~ ~~ft.~~

047.8 ~~area~~ ~~of~~ ~~the~~ ~~main~~ ~~road~~ ~~with~~ ~~K. sedifolia~~

~~to~~ ~~up~~ ~~to~~ ~~1~~ ~~ft.~~ ~~A. sandersonii~~ to



platycarpum

052.0. Road as from left, right.

055.4 Double Tax.

*platycarpus*

*Athyrium* ~~*sp.*~~ *sp.* to Sam. Podium given S.  
no striatus, Australia.  
some lichen.

May 5. P.M. 1. On the 1st of May  
1871. Turned off.

platycarpum  
*Cratylis conocephala*

*[Faint handwritten notes, mostly illegible due to fading.]*

N. 08

Camp.  
1/2 mile to left on road to  
the lake. The lake is still

*Biplesia* sp. 3, *Aphelproctura*,  
with brachionid fine sandy loam. A.S.  
*Coryphistes varicola*,  
decid. 10 ft. ... ..

и А. несомненно, все это надо знать.

I have grown with the same likes,

a little Shipa sp. Return

11/10.  
1/2 6 =

1057 - 750 p 12

18. The ... in the ... ..  
... ..

*Plersia* sp. 3 *Cratystylis conocephala*

*[Faint handwritten notes at the bottom of the page]*

181. 2/16 1000. 1/2000 1/2000 1/2000

7. 2. Look to right

*Typaya semicristata*, *Archopici*

*Goniocera australasica* Macrolepopholis

26. (1.) *Chortovites* *platycarpum*

terminifera, Genus nov. 32. sp. 1, Genus nov.



950 chracca, Qualitella maculata,

to 8 ft. K. sedifolia to  
*Cratystylis conocephala* *Pycnostictus*  
*sericus* *Geijera linearifolia*

Sparse Shrub spp. small trees

+121.0 Turned left along fence

125.0 Turned right, low light, to 10 ft.

128.0 Turned left along fence.

130.0. Height 10 ft. to 15 ft. off

*Kyaseria* sp. P110a, *Rpompis vittata*,

133.0. Small tree 10 ft. to 15 ft. off  
*Genus nov.* 39 sp. 1, *Platyaspis*

*Genus nov.* 32 sp. 1, *Genus nov.* 40 sp. 1, *Genus*

*australasiae*, *Cratystylis conocephala*

*Replissia* sp. 3, *Typaya semicristata*,

to 10 ft. to 15 ft. off

to 10 ft. to 15 ft. off

to 10 ft. to 15 ft. off

to 10 ft. to 15 ft. off

to 10 ft. to 15 ft. off

to 10 ft. to 15 ft. off

to 10 ft. to 15 ft. off

to 10 ft. to 15 ft. off

142.1 *Conus* *leptogaster* from Japan  
*Conus* *leptogaster*

143.2 *Conus* *leptogaster*

144.3 *Conus* *leptogaster*

*Conus* *leptogaster*, *Replissia* sp. 3,  
*Sephanthus quadrilobus*, *Conisa rugosa*, *Goniaca*  
*australasica*, Genus nov. 41 sp. 1, Genus nov.  
 32 sp. 1, *Pycnorhynchus* sp. 2, Genus nov. 95  
*Uchocaea*, *Apotrochis vittata*  
*Conus* *leptogaster*, *Conus* *leptogaster*, *Conus* *leptogaster*  
*Conus* *leptogaster*, *Conus* *leptogaster*, *Conus* *leptogaster*  
*Conus* *leptogaster*, *Conus* *leptogaster*, *Conus* *leptogaster*

145.0 *Conus* *leptogaster*

145.0 *Conus* *leptogaster* 11/3

147.5 *Conus* *leptogaster*



12/10 Coll. Balderson & Upton  
(interpret plant names as possibly, but with note uncertainty)

Genus nov. 48 sp. 2, *Microcladia*, Genus

nov. 46 sp. 1 (j), Genus nov. 95 *Ochracea*,

*Austroicetes frater* (?) (j).

*frater* (Russia sp.). A *VEICARIA* + *Nicot*

sp. leading to *T. viden* + low *Cassia*

sp. of sp. 2

sp.

not joined to 20.

*Apotropeis vittata*, Genus nov. 46 sp. 1, *Goniaca*

*australasica*, *veicaria*, *chrysoch*, *ad*

sp. 3.

sp. 3.

sp. 3.

Genus nov. 43 sp. 3, Genus nov. 44 sp. 1,

*Apotropeis vittata*,

sp. 3.

sp. 3.

sp. 3.

sp. 3.

sp. 3.

*Chortocetes tenuifera*, *Macroliphotia*

sp. (j.)

Lonicera Australasica

1557.4 Fraser Kangy green

1557.4

4362.1

*Unisa guttulosa*, *Chortocites tenuifera*,  
*Austroicetes cruciata*, *Pycnostictus*  
*seriatus*, *Coryphistes ruficola*, *Tapesta*  
*canipes*, Genus nov. 43 sp. 3,

13/10

4362.1

collect at camp

4363.6 Grid

4370.4 Grid

*Austroicetes arida*, *A. cruciata*, *Pycnostictus*  
*seriatus*, *Unisa guttulosa*, Genus nov. 48 sp. 2,



Genus nov. 46 sp. 1,

*Tapeta carneipes*, *Apotropis vittata*,

43

*Macrophotia* sp.

*Chroococcoides tenuifera*,

4376 7 *C. rida* - not in the list

4384.8 *T. rida* H. to Newnan Rock

*Limnoria guttulosa*, *Pycnostictus serratus*,

Genus nov. 45 sp. 1, Genus nov. 48 sp. 2,

4371.6

Genus nov. 48 sp. 2, Genus nov. 46 sp. 1,

*Goniada australasica*, *Microcladia*,

*Monistria* sp. 2, *Replexia* sp. 3, *Goniada*  
*australasica*

*Coryphistes nuxicola*

4425.4 Small subshrub, fls. white  
*Goniocarpus australasica*, *Replissia* sp. 3,  
*Sephanthus quadrilobus*, *Apotropis vittata*,  
*Genus* nov. 32 sp. 1, *Urnia rugosa*.

4425.4 M. ...

4425.1 ...

4425.3 ...

*Genus* nov. 39 sp. 1, *Sephanthus quadrilobus*,  
*Coryphantha muricola*, *Urnia guttulosa*,  
~~*U. rugosa*~~, *Genus* nov. 40 sp. 1, *Replissia*  
 sp. 3, *Qualitella maculata*, *Pycnostictus* sp. 2

4445.5 *Genus* nov. 95 *ochracea*, *Pycnostictus*, *Urnia*  
*Genus* nov. 32 sp. 1, *Typhopoda seministrata*

*Genus* nov. 32 sp. 1, *Urnia rugosa*, *Genus*  
 nov. 95 *ochracea*, *Goniocarpus australasica*,  
*Replissia* sp. 3, *Pardillana* sp. 11, *Apotropis*  
*vittata*,  
*Tutela* ...

4468.0 Small subshrub, fls. white  
*Pardillana* sp. 11, *Replissia* sp. 3, *Chloroceryle*  
*hemisphaerica*, *Urnia guttulosa*, *Genus* nov. 40 sp. 1



*Pycnostictus* sp. 2, *P. variatus*, *Seius* nov  
95 ochracea, *Typhaja semiseriata*,

*Pycnostictus* sp. 2

*Pycnostictus* sp. 2

some areas of small stones; thin litter  
under mallee. *H. VESICARIA* + Greybush with  
other small shrubs.

4535.1 Caira Motel

4536.5 Open mallee to 15', pale sandy  
loam *H. vesicaria*, *H. nummularia*, greybush,  
*McLalena*, *EREMOPHILA* to 10', small  
*MYOPORUM* shrubs, some dense *Stipa* broken  
by areas of bare ground or patches of small  
stones.

4549.2 turned right off hwy.

4549.5 (Camp) open *STIPA*-plain leading down  
to *A. VESICULARIA*, *Samphire*, Greybush, *Stipa*  
covered & *Caryophyllus*; clump of dead regrowth  
mallee, *eremophila*, *Stipa* with patches of  
bare light stony ground.

(15/10)

4549.8 Ripined hwy.

4559.5 *STIPA-DANTHONIA*-plain; scattered  
mallee (many dead or showing regrowth);  
old greybush & samphire; scattered  
patches of bare ground



4569.2 *Stipa* covered slight rise; widely scattered *Myoporum* to 6', *Bassia* + *Mallee*

4576.7 Cockle-biddy

4585.0 Margin between *Stipa* plain + *mallee* rise — plain: *Stipa* with scattered blackbush, greybush, samphire + *Bassia* — *mallee*: to 12', pale brown soil thin litter, largely bare soil, low bushes to 2'

4596.8 Ridge top; *mallee* to 12'; thick litter bare gravelly areas; sparse *Stipa*; many low shrubs to 2'; no saltbush or greybush

4604.2 Turn off to Moonera

4606.2 Moonera Tank

4607.5 Just below rise; scattered myall + *mallee* + *Stipa* plains; *A. vesicaria*, *A. mammillaria*, *C. greybush*, *Myoporum*, other low shrubs to 3'

4627.5 ridge with some small rock outcroppings through thin skeletal soil; *mallee*, myall, *Stipa*, greybush, *A. vesicaria*, *A. mammillaria*; light litter; no *Coryphostoids*

4413

~~4413~~ Madras16/10

~~4413~~ *Amia guttulosa*, *Chotoicetes*  
*hominifera*, *Replessia* sp. 3, *Pycnostictus*  
 sp. 2, Genus nov. 32 sp. 1

*Replessia* sp. 3, *Typaya semieristata*,  
 Genus nov. 32 sp. 1, *Austricetes pusilla*,  
*Pycnostictus* sp. 2, Genus nov. 95 *Ochraea*  
*scitellaria*

1675 6 T. road off to steel work

1676 6 T. road off to steel work

Genus nov. 32 sp. 1, Genus nov. 95 *Ochraea*,  
*neomellaria* sp. 10 (f)  
*Paspalia* sp. 10 (f)

4476 3 T. road off to steel work

4478 6 T. road off to steel work

4479

1

1

1

1

1

1

1

1

1

1

1

Genus nov. 32 sp. 1, *Goniaca*  
australasica, *Typaga semieristata*

*Altilinea strigosa* sp. 1  
*Altilinea* sp. 1, *Altilinea* sp. 1, *Altilinea* sp. 1  
47011 T. 1

Genus nov. 32 sp. 1, *Goniaca*

Genus nov. 95 ochracea,  
Genus nov. 32 sp. 1, *Partristates pusilla*,  
*Replexia* sp. 3, *Umisa guttulosa*, Genus nov.  
41 sp. 1, *Perpulvia* sp. 10, *moratime* sp. 153.

Genus nov. 32 sp. 1, *Goniaca*

1719 9A. Light one between clippers. d  
Genus nov. 41 sp. 1, Genus nov. 32

Genus nov. 40 sp. 1, *Tapesta*  
sp. 1, *campeis*, *Apobopsis vittata*, *Bufonaria* sp. 6  
Genus nov. 41 sp. 1, *Goniaca*



Genus nov. 32 sp. 1, *Replestia* sp. 3

*Replestia vittata*, Genus nov. 32 sp. 1, Genus  
nov. 40 sp. 1,

Genus nov. 32 sp. 1, Genus nov. 40 sp. 1,  
*morabine* sp. P33

*Geocalcia nematophylla* F. Muell. var.  $\gamma$   
(*pinnatrisecta* C. A. Gardner)

Genus nov. 41 sp. 1, Genus nov. 32 sp. 1, 51

Genus nov. 40 sp. 1, *Tapesta carneipes*,

*Austroicetes nullaborensis*, *Replissia*  
sp. 3, *Coryphistes ruficola*, *Morabine* sp. P 33.

Genus nov. 32 sp. 1, Genus nov. 41 sp. 1,

*Quatetta maculata*, *Tapesta carneipes*

Genus nov. 32 sp. 1, *Austroicetes nullaborensis*,  
*Tapesta carneipes*, *Replissia* sp. 3

1796.2

18/10

*Coryphistes ruficola*

*Replissia* sp. 3, Genus nov. 40 sp. 1, Genus  
nov. 32 sp. 1, *Morabine* sp. P 33

Genus nov. 32 p. 1, *Austroicetes nullarborensis*,  
*Pycnostictus seriatus*, morabine sp. P 33

4666

Genus nov. 32 p. 1, morabine sp. P 33

*Austracris guttulosa*, Genus nov. 32 p. 1,

Genus nov. 40 p. 1

*Tippaya semicristata*, *Austroicetes*  
*nullarborensis*

4667, 3.4 5.1 10.1 15.1 20.1 25.1 30.1 35.1 40.1 45.1 50.1 55.1 60.1 65.1 70.1 75.1 80.1 85.1 90.1 95.1 100.1  
*Gonacia australasiae*, *Austracris guttulosa*,  
*Monistria discrepans*, Genus nov. 40 p. 1,



Genus nov. 32 sp. 1, Genus nov. 95 ochracea,  
*Pycnostictus* sp. 2, *P. sinatus*, *Austroicetes*  
*nullarborensis*

*Pycnostictus* sp. 2, *Qualitta*  
*maculata*, *Urnisa guttulosa*,  
*Seplisona* sp. 3

19/10

*Coryphistes ruficola*, Genus nov. 95 ochracea,  
 Genus nov. 32 sp. 1, *Pycnostictus sinatus*

*Pycnostictus sinatus*, *Urnisa rugosa*,  
*V. guttulosa*

*Monistria discrepans*, *Urnisa rugosa*

*Pycnostictus striatus*, P. sp. 2, Genus nov.  
 32 sp. 1, *Austroicetes pusilla*, Genus nov.  
*Urosalpinx*, *Urosalpinx rugosa*

*Austroicetes pusilla*, *A. mullarborensis*,  
 Genus nov. 41 sp. 1

20/10

See *Coryphistes ruficollis*, Genus nov.  
 41 sp. 1, *Pycnostictus striatus*, P. sp. 2,  
*Urosalpinx guttulosa*, *Austroicetes pusilla*,  
*Urosalpinx rugosa*, Genus nov. 39 sp. 1, Genus nov.  
 32 sp. 1,

1892 Apr 10 Day

From St. Louis to St. Charles Mo.

1892 Apr 11 Day

From St. Charles to St. Louis

1892 Apr 12 Day

From St. Louis to St. Charles

1892 Apr 13 Day

St. Louis

1892 Apr 14 Day

From St. Louis to St. Charles

1892 Apr 15 Day

From St. Charles to St. Louis

1892 Apr 16 Day

From St. Louis to St. Charles

1892 Apr 17 Day

From St. Charles to St. Louis

1892 Apr 18 Day

From St. Louis to St. Charles

1892 Apr 19 Day

From St. Charles to St. Louis

1892 Apr 20 Day



*Replisia* sp. 3, *Apotropis vittata*, *Goniaca*  
*australasiae*.

*Coryphistes ruficola*, *Uruia guttulosa*,  
*U. rugosa*, *Qualetta maculata*, *Paspalia*  
sp. 9, *Apotropis vittata*, Genus nov. 95 *ochracea*,  
*Pseudostictus seratus*, *Typaya semicristata*,  
*Goniaca australasiae*, *moraine* sp. P127a

21/10

*Tipaya semicristata*, Apotropis 57

*aftata*, Genus nov. 95 ochracea, *Urnisa*  
*rugosa*

*Urnisa rugosa*, Genus nov. 95 ochracea,  
*morabine* sp. P33

*Urnisa rugosa*, Genus nov. 95 ochracea

*Urnisa guttulosa*, *morabine* sp. P127a

*Urnisa guttulosa*, *U. rugosa*, *Apotropis vittata*,  
*Replissia* sp. 3, *Typaya semicristata*,

Sum. nov. 32 sp. 1, *Austroicetes cruciata*,  
*Urnisa rugosa*, *Coryphistes ruficola*,  
*Typaya semicristata*



22/13*Typaya semicristata*, morabine sp. P1276?*Amisa rugosa*, morabine sp. P1276

*Typhaya semieristata*, morabine sp. P29(3)

*Urnisa rugosa*, *Goniada australasica*,  
*Pardillana* sp. 11(j), *Apotropis vittata*,  
*morabine* sp. (j.)

Genus nov. 48 sp. 2, Genus nov. 95 *ochracea*,  
*Urnisa rugosa*, *Apotropis vittata*,  
*morabine* sp. P128.

*Apotropis vittata*. Genus nov. 48 sp. 2

5418-5 off road (massive do)

5420 to top of water by - mallee - but  
*Goniacia australasica*

on the side of sandy dunes, mallee

to 15' - the flowers are white (1), greenish

to 10' - dense shrub, low bushes - shrubs,  
very branched ones

5422-2 along road off Stn

5430-4 *Myanthea* Salis

5435-6 turn off to right

5441-2 mallee to 10' off road

*Urtica rugosa*, *Typaya semicristata*,

*Pardillana* sp. II, *Goniacia australasica*

area of Springfield

5443-5 Turned back

5444-7 turned off onto old road

23/10

5445-5 Camp - W - low (7) -

growth along old road - higher mallee (12)

Genus nov. 48 sp. 2, *Coryphosia runcicola* (J.)

further over but consisted solely of mallee

and Calceolae on reddish sandy soil,

better relations between old & new road

from mallee - all tall about 6

feet - variety of roots including tree

roots, ~~possibly the same~~



5446.1 = 5444.7 rejoined highway.

5453.7 Koonpura School

5457.8 Idembaroo turn off

5458.1 Ridge top, old granitic rock  
*Genus* nov. 48 sp. 2, *Amisa* ~~*guttata*~~ *rugosa*,  
 interstices of open mallee to 15' + younger  
*Coryphobates ruscicola* (j.)  
 regrowth, several species of lower shrubs

to 5', open mallee & other grasses

5469.6 Duke Peak 15 mi. turn off  
 morabine sp. P 45h, morabine sp. (gran. sp.)

5472.7 Sand dune in crop fields, mallee  
*Genus* nov. 35 sp. 1, *Genus* nov. 48 sp. 2,  
 to 6' low mallee like bush to 5'  
*Amisa rugosa*, *A. guttulosa*, *Genus* nov. 95  
 ground cover shrub to 1' in which  
 sp. 1, *Anastrocates* *Dodonaea* sp. arida,  
 morabines were taken (see plant press)

5478.9 Duke Peak 20 mi. turn-off

5483.9 Sukkee Hill turn off —  
 (both to 10')

mallee Callitris strip left on top of sand  
*Amisa rugosa*  
 ridge in cropped field, numerous small  
 shrubs, including *Hakea* sp. & occasional  
*Tronoloxa*

5489.7 Koonpura Hwy. 5th Crossing

5494.1 White sand ridge top, scattered  
*Amisa guttulosa* (j.)  
 mallee & mallee-like shrubs



spoken through several grasses.

5494.9 cross roads

5500.5 Kelly Hall on turn off

5504.8 ridge crest, reddish sandy soil

little soil, only on edge of road  
*Apotropis vittata*, *Chortocites tenuifera*,  
*Uronia guttulosa*, *Pycnostictus* sp. 2,  
*Atropis* (Grayish, Russia) on road  
*Caperrala* sp. 1  
 August 14/8

5514.5 (C) change into up all

5516.8 valley bottom, red sandy loam  
*Uronia australasica*, *Qualitella*  
 maculata to 28' old up all, no grass  
*maculata*, *Caperrala* sp. 1, *Apotropis vittata*,  
 old *A. mexicana*, Grayish abundant  
*Replessia* sp. 2  
 to 5', 112 other low bushes; bare

ground as with other cases, old *Call*  
*Melaleuca* thickets to 12'; *Pinus*

5536.6 top of up all to from dam

5536.8 from dam; cut down up all  
*Caperrala* sp. 1, *C.* sp. 6, *Cratilopus* sp. 2,  
 abundant *Grayish*, *H. maculosa*,  
*Pycnostictus seriatus*

at up all, red sandy soil, *Atropis*

5544.2 turned off to Lion Knob

5546.5 Regained highway

5549.7 Mouth trip - low ridge, near  
Cuparossa testacea, Beplissia sp. 2,  
dry soil with patches of stones to  
Phaneroцерus testudo, Caperrala sp. 1  
darker; H. merrilli, Rocha - on

1 RPH taken

5556.5 turned left onto dirt road to

5557.8 turned back

24/10

5558.5 Camp - (24/10) - just over  
Cuparossa testacea, Qualitza maculata  
ridge crest; few H. merrilli & Beplissia  
on sandy soil, areas of sand stones  
at 2-3' running down to dry sandy  
crack bed

24/10

5559.1 Regained highway